

1-8. (CANCELED)

9. (NEW) A hydrodynamic torque converter comprising, a clutch (2) arranged inside a converter housing (1), said clutch connecting a pump impeller wheel (3) to a drive, in particular a drive engine, and in which a turbine rotor (4) forms a drive output, and a pressure sensor (12) determines the pressure inside the converter housing (1).

10. (NEW) The hydrodynamic torque converter according to claim 9, wherein the clutch (2) is actuated by an actuation device with a piston (9), with a pressure inside an inner space of the converter housing (1) acting on one side of the piston (9) and an actuation pressure acting on another side.

11. (NEW) The hydrodynamic torque converter according to claim 9, wherein the converter housing (1) has a pressure line (16) through which the converter's internal pressure is transmitted via a rotary connection (15) to a positionally fixed component (13) in which the pressure sensor is arranged.

12. (NEW) The hydrodynamic torque converter according to claim 10, wherein the piston (9) has at least one aperture (17) through which the converter's internal pressure is transmitted to a pressure line (16).

13. (NEW) The hydrodynamic torque converter according to claim 9, wherein the pressure sensor (12) is arranged in a positionally fixed component (13).

14. (NEW) The hydrodynamic torque converter according to claim 13, wherein the positionally fixed component (13) is connected to a stator of the torque converter.

15. (NEW) The Hydrodynamic torque converter according to claim 13, wherein a pressure feed line (10) to an actuation device for the clutch (2) and a coolant liquid feed line (6) are arranged in the positionally fixed component (13).

16. (NEW) A hydrodynamic torque converter, comprising a clutch (2) arranged inside a converter housing (1), said clutch connecting a pump impeller wheel (3) to a drive, and in which a turbine rotor (4) forms a drive output, wherein a pressure within the converter housing (1) is fed via a tapping point to a hydraulic control unit, which controls an actuation pressure of the clutch (2) as a function of the pressure within a converter housing (1).